Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093603.D
Acq On : 13 Mar 2017 12:01
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/15/2017 5:37:26 PM

Quant Time: Mar 14 01:11:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	157654	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	667989	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	309896	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	514654	20.00	ng		0.00
75) Chrysene-d12	13.90	240	459097	20.00	ng		0.01
86) Perylene-d12	15.31	264	370354	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	871725	92.03	ng		-0.02
7) Phenol-d6	6.37	99	900715	75.40	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1002394	83.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	181973	90.13	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1464681	87.91	ng		0.00
78) Terphenyl-d14	12.84	244	1322533	74.90	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	215904	41.38	ng		87
3) Pyridine	2.85	79	566744	42.60	ng		86
4) n-Nitrosodimethylamine	2.82	42	280131	44.09	ng		88
6) Aniline	6.38	93	666687	40.67	ng	#	78
8) 2-Chlorophenol	6.49	128	431160	40.62	ng		85
9) Benzaldehyde	6.26	77	299636	41.76	ng		99
10) Phenol	6.38	94	630983	43.11	ng		82
11) bis(2-Chloroethyl)ether	6.45	93	460299	38.91	ng		90
12) 1,3-Dichlorobenzene	6.64	146	494123m	40.68	ng		
13) 1,4-Dichlorobenzene	6.72	146	513554	41.29	ng		100
14) 1,2-Dichlorobenzene	6.88	146	448873	40.75	ng		96
15) Benzyl Alcohol	6.87	79	375670	44.12	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	824602	41.96	ng	#	41
17) 2-Methylphenol	7.00	107	362589	40.39	ng		93
18) Hexachloroethane	7.21	117	176180	42.00	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	321572	39.16	ng		91
20) 3+4-Methylphenols	7.16	107	498391	42.81	ng	#	74
22) Acetophenone	7.13	105	613173	38.15	ng	#	99
24) Nitrobenzene	7.30	77	517050	38.21	ng		96
25) Isophorone	7.54	82	941505	38.78	ng	#	93
26) 2-Nitrophenol	7.62	139	248949	40.33	ng		90
27) 2,4-Dimethylphenol	7.68	122	361590	36.01	ng		93
28) bis(2-Chloroethoxy)methane	7.76	93	636203	41.51	ng		99
29) 2,4-Dichlorophenol	7.88	162	385964	40.85	ng		84
30) 1,2,4-Trichlorobenzene	7.94	180	379672	37.79	ng		94
31) Naphthalene	8.02	128	1292323	38.61	ng		99
32) Benzoic acid	7.84	122	193426	37.07	ng		93
33) 4-Chloroaniline	8.09	127	499523	36.77	ng		95
34) Hexachlorobutadiene	8.14	225	210368	40.65	ng		99
35) Caprolactam	8.47	113	117244	36.34	ng	#	30
36) 4-Chloro-3-methylphenol	8.60	107	388314	38.51	ng		90
37) 2-Methylnaphthalene	8.72	142	832245	39.08	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	364763	43.11	ng		100
40) Hexachlorocyclopentadiene	8.87	237	58698	35.42	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	229967	43.50	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	250433	44.15	ng	#	91
45) 1,1'-Biphenyl	9.19	154	964192	42.71	ng		99
46) 2-Chloronaphthalene	9.21	162	804150	46.54	ng		98
47) 2-Nitroaniline	9.33	65	300824	49.25	ng		87
48) Acenaphthylene	9.62	152	1270638	44.58	ng		99
49) Dimethylphthalate	9.50	163	899173	43.77	ng		99
50) 2,6-Dinitrotoluene	9.57	165	215779	47.86	ng	#	83
51) Acenaphthene	9.80	154	718000	42.60	ng		97
52) 3-Nitroaniline	9.74	138	235249	43.44	ng		100
53) 2,4-Dinitrophenol	9.88	184	98074	47.77	ng	#	75
54) Dibenzofuran	9.97	168	922418	43.73	ng		97
55) 4-Nitrophenol	9.96	139	97326m	37.00	ng		
56) 2,4-Dinitrotoluene	9.98	165	261620	47.24	ng		97
57) Fluorene	10.31	166	733395	41.03	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	162872	40.68	ng		95
59) Diethylphthalate	10.20	149	826419	42.09	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	337960	42.18	ng		97
61) 4-Nitroaniline	10.36	138	209345	37.79	ng		92
62) Azobenzene	10.46	77	856489	38.39	ng		95
64) 4,6-Dinitro-2-methylphenol	10.40	198	107096	32.12	ng		91
65) n-Nitrosodiphenylamine	10.42	169	628390	36.57	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	203259	37.35	ng		98
67) Hexachlorobenzene	10.86	284	203275	39.12	ng	#	79
68) Atrazine	10.96	200	201890	40.14	ng		98
69) Pentachlorophenol	11.08	266	79647	44.39	ng		95
70) Phenanthrene	11.27	178	1087640	37.02	ng		98
71) Anthracene	11.33	178	1159240	39.01	ng		99
72) Carbazole	11.49	167	1155036	41.38	ng		100
73) Di-n-butylphthalate	11.82	149	1323193	40.97	ng	#	96
74) Fluoranthene	12.47	202	1203848	42.43	ng		92
76) Benzidine	12.60	184	579928	38.41	ng		99
77) Pyrene	12.70	202	1225950	36.72	ng		98
79) Butylbenzylphthalate	13.32	149	562750	40.04	ng	#	74
80) Benzo(a)anthracene	13.89	228	1008904	37.21	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	388734	40.94	ng	#	95
82) Chrysene	13.92	228	894739	35.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	743024	37.93	ng		100
84) Di-n-octyl phthalate	14.48	149	1293319	39.61	ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	736806	35.09	ng	#	93
87) Benzo(b)fluoranthene	14.91	252	1111380m	49.27	ng		
88) Benzo(k)fluoranthene	14.94	252	652133m	29.98	ng		
89) Benzo(a)pyrene	15.25	252	820033	39.78	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	637653	37.39	ng		98
91) Benzo(g,h,i)perylene	17.07	276	635657	36.32	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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